

July 16, 2008

GROVE CONCRETE & SUPPLY INC.  
PAUL MILLER, JR.  
18426 DURAND AVE  
PO BOX 363  
UNION GROVE WI 53182

Re: Description: SEWAGE TANKS, CONCRETE  
Manufacturer: GROVE CONCRETE & SUPPLY INC.  
Product Name: SEPTIC/SEPTIC, SEPTIC/PUMP OR HOLDING  
Model Number(s): 1049/645  
(42.0" L.L., 25.0/15.2 GAL/IN., 48" MAX. DEPTH OF BURY, 809 G.P.D. WHEN USED AS A SEPTIC/SEPTIC TANK OR 503 G.P.D. WHEN USED AS A SEPTIC/PUMP TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER)  
Product File No: 20080332

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of October 2013.**

This approval is contingent upon compliance with the following stipulation(s):

- This product is approved to use the following:
  - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover or access cover.
  - Four or six inch inlet and outlet openings.
  - Press Seal "Cast-A-Seal" by Press Seal Gasket Corp. and Polylok II High Pressure Pipe Seal by Polylok.
  - Dual inlets at end or side of tank with access opening above each inlet baffle.
  - Four inch discharge opening in riser.
  - 2-1/2 inch threaded nipple cast in riser for electrical wiring.
  - Four, six or eight inch pipe openings located near the bottom of the side or end wall for pump and holding tanks.
  - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.

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- When this product is installed as a septic tank or grease interceptor, the minimum distance between the inlet(s) and outlet(s) must be at least equal to the length of the longest wall or the diameter of a circle that has the same surface area of the tank, whichever is less.

This approval supersedes the approval issued on 8/23/2003 under product file number 20030265.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20060265.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

**Updated Tank Cross-section. Our records show that the tank cross section(s) on file are at least 10 years old. To update our records, please submit tank cross section(s) with associated dimensions, liquid limits, gallons/inch, bury depths, bedding specs., risers, covers, baffles, etc.**

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST  
Engineering Consultant--Plumbing Product Reviewer  
Commerce; Safety & Buildings Div.  
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